HANTAREX
ELECTRONIC SYSTEMS

&

Digital Signage solutions

monitor

A new way to communicate

Lisbon, Portugal -CUF Descobertas Hospital

MONITOR

SIZE 32”. 40”. 46”. 57”. 70”. 82”

Monastir, Tunisia - Habib Bourguiba International Airport

The **Digital Signage** range monitors open a new era of visual communications optimizing the efficiency and quality of work in any application and in any sector. Excellent image quality and large screens, **HANTAREX** monitors dedicated to **Digital Signage** are the ideal solution of applications where image quality and perfect viewing are fundamental.

OutDoor & InDoor
Horizontal

MONITOR HORIZONTAL CONFIGURATION
LANDSCAPE MODE

32” 40” 46” 57” 70” 82”

APPLICATIONS WHERE?

IN AIRPORTS AND STATIONS

The image sharpness and perfect readability of the text displayed on these monitors give passengers the latest information about arrivals and departures.

IN RESTAURANTS

The high definition and reliability of the various types and models of the range allow daily specials or offers to be shown easily and clearly.

IN BANKS

For high brightness and great contrast in daylight and no 'burn-in' effect after still images and/or detailed text is displayed.

IN CONFERENCE HALLS

To improve communication and presentations in meetings thanks to lively colors and vivid images.

IN RECEPTION HALLS

They allow you to present your brand and your organization to visitors with high quality images and clips.

MALLS

To offer the possibility of unlimited publicity and innumerable ways to communicate efficiently.

BARI, ITALY - PALESE INTERNATIONAL AIRPORT

BARI, ITALY - PALESE INTERNATIONAL AIRPORT

& EASY DISPLAY NETWORK

All **HANTAREX MONITORS** can have the new **'Network Neptune'** function upon request. This is a card/player that allows a "network" of monitors, called **Clients**, to be set up without a PC embedded in each single display/client for programming and content management.

(see page 62)

RETAIL COMMUNICATIONS

Exceptional image quality with Full HD of 1,920 x 1,080 pixel resolution make the communications a realistic and productive experience.

LISBON, PORTUGAL - LUSOMUNDO CINEMAS MÚLTIPLEX SAPO

Do you want to improve your visual communications? Get an advantage with a new tool.

Display publicity and information with **VERTICAL monitors** from **HANTAREX**. HANTAREX monitors dedicated to Digital Signage can be used also for vertical applications as a high resolution sign for airports, stations and malls.

OUTDOOR & INDOOR VERTICAL

MONITOR VERTICAL CONFIGURATION
PORTRAIT MODE

THE ADVANTAGES OF HIGH DEFINITION

One screen with a resolution of 1920 x 1080 pixels allows better viewing reducing the need to scroll.

APPLICATIONS FOR WHAT?

EVENTS AND SHOWS

To supply information to spectators in all the various angles to the screen keeping all of them entertained.

MEETINGS

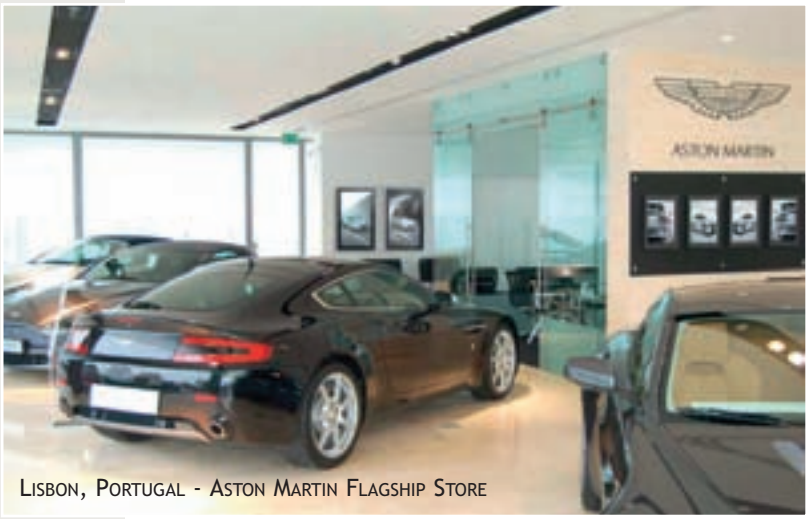
To transmit visual messages to management. Also from a distance and in very bright light, **HANTAREX** monitors do not lose the liveliness of the colors and the sharpness of the images.

RAILROAD INFORMATION

To display all the detailed information on just one screen helping passengers find their destination with animation and visual effects. These monitors ability to display images and text clearly without blurred areas are the clear difference between them and their competitors.

DESIGNING WITH A TEAM

To share the entire design process as well as "visualize" all the details of the more components and the more sophisticated designs. With the large LCD monitors, everyone is able to see and examine the design from any angle.

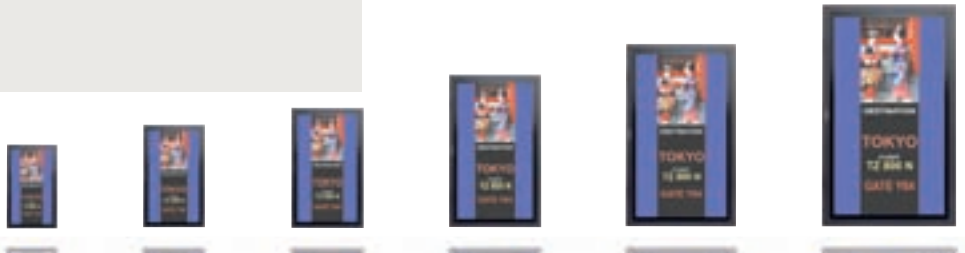


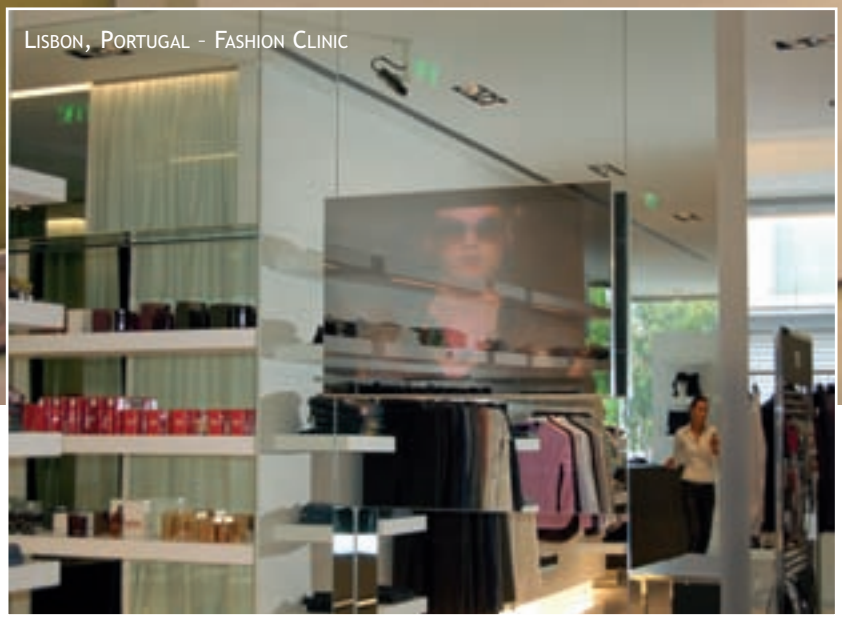
LISBON, PORTUGAL - ASTON MARTIN FLAGSHIP STORE

MILAN, ITALY - MONDADORI INFORMATICA CHAIN SHOP, MALPENSA INTERNATIONAL AIRPORT

& IMAGE QUALITY

HANTAREX high resolution monitors of the **Digital Signage** range clearly display detailed information that comes from any source.





Lisbon, Portugal - Fashion Clinic

Milan, Italy
Dior Corner Shop,
Malpensa International Airport

CUSTOM INSTALLATIONS

MUNICIPALITIES AND SERVICES

- Transportation
- Hospitals
- Centralized energy
- Port authorities
- Public Parks
- Service Areas

URBAN FURNISHINGS

- Bus stop
- Information booths-News stands
- Telephone booths
- In-Store Displays
- Interactive show cases
- Outlet information

TRANSPORTATION

- Publicity in the transit zones of airports and train and subway stations

OUTDOOR SIGNAGE APPLICATIONS

- Stadiums, sport centers, golf courses, beach resorts, ski resorts, Outdoor events

RIGA, LATVIA
ROYAL SQUARE PRESIDENT HOTEL

RIGA, LATVIA
ROYAL SQUARE PRESIDENT HOTEL

REAL TIME MONITORING

The large, high resolution screen allows images from various surveillance cameras and other data on just one screen in real time.

OUTDOOR & INDOOR

BROADCASTING APPLICATIONS

SIZE 32”. 40”. 46”. 57”. 70”. 82”

FULL HD RESOLUTION

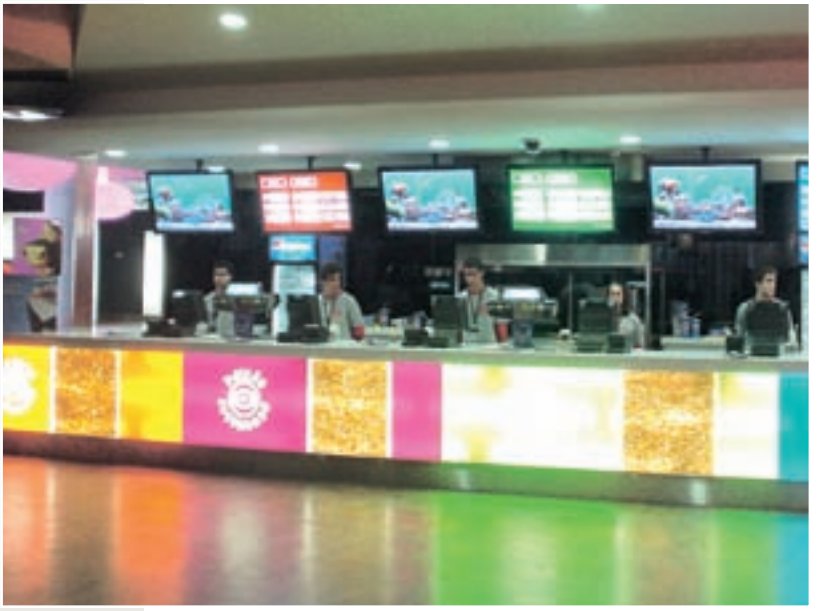
HANTAREX monitors’ original resolution is 1,920 x 1,080 pixels, which means the impact is dynamic with realistic colors, clear images and perfectly readable text on a large screen. The monitors are able to receive a signal from 1,080p from the start for both the analog and digital input from a PC that is the source of HD video through a DVI (HDCP compatible) interface. The special **Front Filter** on all HANTAREX monitors dedicated to Digital Signage reduces reflection from the screen.

THE MONITORS RANGE

HANTAREX high resolution monitors are available in three versions and they are available in various models and functions. The Ranges,

- QUADRO

have been created to satisfy all the needs for video information applications for heavy traffic that require an integrated system of monitors with special technologic characteristics. These monitors are able to communicate with a centralized data base that manages data and information remotely, simply and directly. The monitors in this range can be integrated with a centralized system depending on the type of rapid connection systems and are an excellent compromise between quality, functionality and cost.



TECHNICAL ADVANTAGES

The optional antireflection treatment, ample wide angle viewing, notable brightness and high contrast are factors that optimize the image quality also in very bright light.

NO FAN AND AN INTEGRATED HEAT SENSOR

These monitors have been designed to guarantee ventilation and heat dissipation without a fan, which often makes noise and accumulates dust. When the temperature inside these monitors rises for any reason, the monitors automatically control the rear illumination system, maintaining it below the maximum operating temperature. Therefore, the monitor automatically goes to standby mode when the internal temperature is higher than the optimum operating temperature.

CABINET WITH METAL REAR AND HANDLE

These monitors are housed in a metal cabinet with a sturdy rear panel and with handles to transport the monitor.
These monitors also have mounting holes that conform to VESA specification, so the monitors can be mounted to standard wall brackets that can be bought is a shop.

DESIGNED FOR PROFESSIONAL USE

The sturdy cabinet and the well chosen components guarantee reliability even in applications that require prolonged use, for example: point of sales communications, external publicity, mass transit and security monitoring.

QUADRO

GAMMA QUADRO LCD FULL HD, DID HD,
QUADRO LCD 46" HI-BRIGHT 1.500 CD/M

QUADRO LCD 32" Full HD
QUADRO LCD 42" Full HD
QUADRO LCD 46" DID HD
QUADRO LCD 46" HI-BRIGHT 1.500 CD/M
QUADRO LCD 46" Full HD
QUADRO LCD 57" Full HD
QUADRO LCD 70" Full HD
QUADRO LCD 82" Full HD

The above mentioned models have the QUADRO style and are available with the following FUNCTIONALITIES:

- STANDARD base version
- RPC3 with Embedded PC (Mini ITX PC) or with a 'NETWORK NEPTUNE' CARD/PLAYER, to manage programming and display content in the various modes
- With optional SCREEN PROTECTION/ANTIREFLECTION
- TOUCH SCREEN OPTIC version

& OPTIC TOUCH SCREEN

The new **QUADRO Touch Screen** Optical range, provided with the latest passive-border technology patent-pending, radically reduces the quantity and complexity of electronic components is the solution for high performance, cost-effective requirements. Exceptional clarity, low power consumption and improved resistance to environmental conditions are advantages expected by the product's range.
The Optical **Touch Screen Quadro** serie not only provides traditional touch functions such as point, click, drag and drop, but also benefits such as pan, pinch, double-tap and scroll.

FEATURES
Calibration: once-only, four-points with no drift
USB plug-and-play: one cable for power and communications
Orientation: landscape or portrait
Clear glass: maximum clarity
Light touch: no pressure required
Any touch: finger, gloved hand or pointer

Touch Screen

Gamma QUADRO LCD HD
HI-BRIGHT 1.500 CD/M, Full HD

QUADRO LCD 32" Full HD
QUADRO LCD 42" Full HD
QUADRO LCD 46" DID HD
QUADRO LCD 46" HI-BRIGHT 1.500 CD/M
QUADRO LCD 46" Full HD
QUADRO LCD 57" Full HD
QUADRO LCD 70" Full HD
QUADRO LCD 82" Full HD

This range, in various sizes and functional models, has the **QUADRO** style and is available with the following FUNCTIONALITIES:

- STANDARD base version
- RPC3 with Embedded PC (Mini ITX PC) or with a **'NETWORK NEPTUNE'** CARD/PLAYER, to manage programming and display content in the various modes
- With optional SCREEN PROTECTION/ANTIREFLECTION
- **TOUCH SCREEN OPTIC** version

This range has been expressly designed and re-built for particular video information installations such as airports, train stations, trade shows, museums, hotels, malls, etc. The LCD monitors in this range are one of the most significant and innovative professional solutions, because the various models can be modified, each one has the functionalities required by the situation, which changes with areas with heavy traffic or the **Digital Signage** application.

Besides the **STANDARD** version there are all the basic connections and functionalities such as the possibility to connect all the monitors in Loop-Through, the range has a special model with an **embedded PC Rack (RPC3)**, which includes an integrated Embedded PC (Mini ITX PC), or the integration of a **'NETWORK NEPTUNE'** card/player.

Both models can manage programming and display content according to the various modes. The PC's characteristics can be chosen from the system integrator, configured to manage content locally and automatically display data and images. The PC is inserted in the monitor cabinet and can be easily extracted by sliding it from the rear of the cabinet.

In case an integrated PC is not necessary, the **'NETWORK NEPTUNE'** card/player allows you to manage the **Digital Signage** programming and/or content easily and remotely. Each card can have a solid SDD or a simple HDD memory.

For a complete description of the **'NETWORK NEPTUNE'** card, see page 62.

Also this range can be supplies as special model/functionality with a special **antireflection filter** that eliminates any problems caused by very bright light.

Last, but not least the **QUADRO** range is also available in the special model with **Optic Touch Screen** functionality, that allows an even more interactive usability of **Digital Signage** or general info/advertising contents. **Hantarex's** ability to give professional and personalized solutions is highlighted also in this range of products. In fact, it is possible to personalize the configuration of the software and hardware of the PC integrated in the monitor as well as the structure and style of the monitor itself.

STRUCTURAL ADVANTAGED

The reinforced aluminum structure, engineered to guarantee the best quality and reliability, responds to the IP categories and all the parameters can be checked with a simple RS 232 interface.

Particular video information applications are also available upon request, for example: large LCD screens of 57", 70" and 82" that have a resolution of 1920x1080 pixels and extremely high contrast and brightness, not to mention the possibility to have an integrated PC as in the smaller versions.

TECHNICAL DATA

	PRODUCT NAME:	QUADRO LCD 46" FullHD	QUADRO LCD 52" FullHD
DISPLAY PANEL	**Screen size:**	46" (116,8 cm) diagonal	52" (132 cm) diagonal
	Aspect Ratio:	16:9	16:9
	Resolution:	1920 (H) x 1080 (V) pixels	1920 (H) x 1080 (V) pixels
	Pixel pitch:	0,17 (H) x 0,17 (V) [mm]	0,6 (H) x 0,6 (V) [mm]
	Useful screen:	1018 (H) x 572 (V) [mm]	1152 (H) x 648 (V) [mm]
	Brightness:	500 cd/m2 (typical)	500 cd/m2 (typical)
	Contrast ratio:	1800:1 (typical)	3,000:1 (typical)
	Viewing angle:	178° (in all directions)	178° (in all directions)
	Colors:	16.7 Mil	16.7 Mil
	Response time:	8 ms	8 ms
CONNECTIONS	**Video:**	1 x RCA [CVBS1, input only] 1 x RCA [CVBS2, input only] 1 x mini DIN 4 pin [Y/C, input only]	1 x RCA [CVBS1, input only] 1 x RCA [CVBS2, input only] 1 x mini DIN 4 pin [Y/C, input only]
	PC:	3 x RCA [YPbPr, input only] 1 x Dsub-15 HD [Analog RGB, input] 1 x DVI-D [Digital RGB, input]	3 x RCA [YPbPr, input only] 1 x Dsub-15 HD [Analog RGB, input] 1 x DVI-D [Digital RGB, input]
	HDMI:	1 X HDMI (with HDCP, input only)	1 X HDMI (with HDCP, input only)
	Audio:	2 x RCA [CVBS1 stereo input] 2 x RCA [CVBS2 / S.Video stereo input] 2 x RCA [Component stereo input] 1 x jack 3.5 mm [PC stereo input] Power stereo output, speakers [clinch]	2 x RCA [CVBS1 stereo input] 2 x RCA [CVBS2 / S.Video stereo input] 2 x RCA [Component stereo input] 1 x jack 3.5 mm [PC stereo input] Power stereo output, speakers [clinch]
	Control:	1 x Dsub-9 female [Input]	1 x Dsub-9 female [Input]
	Loopthrough unit:	1 x Dsub-15 HD [Analog RGB, output] 1 x DVI-D [Digital RGB, output] 1 x Dsub-9 female [output]	1 x Dsub-15 HD [Analog RGB, output] 1 x DVI-D [Digital RGB, output] 1 x Dsub-9 female [output]
FEATURES	**Video compatibility:**	PAL (BGH/D/I, M, N, 60), NTSC (M, 4.43), SECAM HDMI [supporting CEA-861B specs. HDCP 1.1]	PAL (BGH/D/I, M, N, 60), NTSC (M, 4.43), SECAM HDMI [supporting CEA-861B specs. HDCP 1.1]
	DTV:	480i/p,576i/p,720p, 1080i / 50-60 Hz, 1080p / 60 Hz	480i/p,576i/p,720p, 1080i / 50-60 Hz, 1080p / 60 Hz
	Video signal level:	CVBS: 1 Vpp / 75 Ohm - nominal (with AGC) Y/C: 1 Vpp / 75 Ohm - nominal (with AGC) Y,Pb,Pr, 1Vpp / 75 ohm nominal	CVBS: 1 Vpp / 75 Ohm - nominal (with AGC) Y/C: 1 Vpp / 75 Ohm - nominal (with AGC) Y,Pb,Pr, 1Vpp / 75 ohm nominal
	PC compatibility:	VGA ~ WUXGA (1920x1080), NATIVE (1920 x 1080) Automatic frequency detection	VGA ~ WUXGA (1920x1080), NATIVE (1920 x 1080) Automatic frequency detection
	PC signal level:	RGB: 0.7 Vpp / 75 Ohm (RGB), TTL (HV) 1 x DVI-D [Digital RGB, input only]	RGB: 0.7 Vpp / 75 Ohm (RGB), TTL (HV) 1 x DVI-D [Digital RGB, input only]
	Frequency range:	Horizontal: 20 KHz - 82 KHz Vertical: 55 Hz - 90 Hz	Horizontal: 20 KHz - 82 KHz Vertical: 55 Hz - 90 Hz
	Audio signal level:	Audio Input: 0.15 to 1 V Audio Output: 2 x 7W (10% THD)	Audio Input: 0.15 to 1 V Audio Output: 2 x 7W (10% THD)
	Videowall:	Embedded splitter up to 5x5 with bezel compensation	Embedded splitter up to 5x5 with bezel compensation
	Control interfaces:	Infrared Remote Control RS-232 Serial Port Commands and controls are available from any of user's interfaces Remote Control are OSD assisted	Infrared Remote Control RS-232 Serial Port Commands and controls are available from any of user's interfaces Remote Control are OSD assisted
	Loopthrough unit:	RS-232 pass-through VGA pass-through All inputs converted to DVI and retransmitted (up to 25 hops)	RS-232 pass-through VGA pass-through All inputs converted to DVI and retransmitted (up to 25 hops)
CONTROLS	**Video:**	Preset (4 selections + user) Brightness, Contrast, Color, Sharpness Colour temperature (5 selections + user) Still frame Source selection	Preset (4 selections + user) Brightness, Contrast, Color, Sharpness Colour temperature (5 selections + user) Still frame Source selection
	Geometry:	Self adjustment of picture dimension Free adjustment of picture position Selection of format presets (for compatibility with 4:3 and 16:9 pictures) Uncompressed Mode (PC input, with selection of the dislayed area)	Self adjustment of picture dimension Free adjustment of picture position Selection of format presets (for compatibility with 4:3 and 16:9 pictures) Uncompressed Mode (PC input, with selection of the dislayed area)
	Audio:	Presets (4 selections + user) Volume, Balance Equalizer (5 bands) MTS AVC	Presets (4 selections + user) Volume, Balance Equalizer (5 bands) MTS AVC
	Videowall:	Size max up to 5 x 5 Bezel compensation	Size max up to 5 x 5 Bezel compensation
	Others:	Stand-by mode Status Indication Programmable OSD aspect Screensaver (blue screen, pixel shiftl , wiper, gray background) Automatic temperature control with threshold setting Timer (time, wake-up, sleep) Display address selection DPMS Auto Input Search	Stand-by mode Status Indication Programmable OSD aspect Screensaver (blue screen, pixel shiftl , wiper, gray background) Automatic temperature control with threshold setting Timer (time, wake-up, sleep) Display address selection DPMS Auto Input Search
	Language:	DE, ES, FR, EN, IT, PT	DE, ES, FR, EN, IT, PT
DIAGNOSTIC	**Self diagnostic functions available through the RS232 serial port:**	Key board control (On/Off) IR Control (On/Off) Input Signal presence check Fans status check Internal temperature check Ambient light control Presence control (Optional) Shoch sensor (Optional)	Key board control (On/Off) IR Control (On/Off) Input Signal presence check Fans status check Internal temperature check Ambient light control Presence control (Optional) Shoch sensor (Optional)
PHYSICAL	**Dimensions:**	1136 (W) x 680 (H) x 125 (D)	
	Weight:	48 Kg (without base)	
	Mains voltage:	115/230 VAC ± 15%, 50/60 Hz	115/230 VAC ± 15%, 50/60 Hz
	Power consumption:	300 W	350 W
	Operating conditions:	Storage: -20°C to 65°C (max 85% RH not condensing) Working: 0°C to 50°C (max 85% RH not condensing)	Storage: -20°C to 65°C (max 85% RH not condensing) Working: 0°C to 50°C (max 85% RH not condensing)
	Class protection:	IP30	IP30
ACCESSORIES		Power cable Remote control with batteries User manual	Power cable Remote control with batteries User manual

QUADRO LCD 57" FullHD	QUADRO LCD 70" FullHD	QUADRO LCD 82" FullHD
57" (145 cm) diagonal 16:9 1920 (H) x 1080 (V) pixels 0,21 (H) x 0,65 (V) [mm] 1251 (H) x 704 (V) [mm] 600 cd/m2 (typical) 2,000:1 (typical) 178° (in all directions) 16.7 Mil 8 ms	70" (178 cm diagonal) 16:9 1920 (H) x 1080 (V) pixels 0,807 (H) x 0,807 (V) [mm] 1549 (H) x 872 (V) [mm] 600 cd/m2 (typical) 1500:1 (typical) 178° (in all directions) 16.7 Mil 8 ms	82" (208 cm diagonal) 16:9 1920 (H) x 1080 (V) pixels 0,94 (H) x 0,94 (V) (mm) 1805 (H) x 1015 (V) [mm] 600 cd/m2 (typical) 2000:1 (typical) 178° (in all directions) 16.7 Mil 8 ms
1 x RCA [CVBS1, input only] 1 x RCA [CVBS2, input only] 1 x mini DIN 4 pin [Y/C, input only] 3 x RCA [YPbPr, input only] 1 x Dsub-15 HD [Analog RGB, input] 1 x DVI-D [Digital RGB, input] 1 X HDMI (with HDCP, input only] 2 x RCA [CVBS1 stereo input] 2 x RCA [CVBS2 / S.Video stereo input] 2 x RCA [Component stereo input] 1 x jack 3.5 mm [PC stereo input] Power stereo output, speakers [clinch] 1 x Dsub-9 female [Input] 1 x Dsub-15 HD [Analog RGB, output] 1 x DVI-D [Digital RGB, output] 1 x Dsub-9 female [output]	1 x RCA [CVBS1, input only] 1 x RCA [CVBS2, input only] 1 x mini DIN 4 pin [Y/C, input only] 3 x RCA [YPbPr, input only] 1 x Dsub-15 HD [Analog RGB, input] 1 x DVI-D [Digital RGB, input] 1 X HDMI (with HDCP, input only] 2 x RCA [CVBS1 stereo input] 2 x RCA [CVBS2 / S.Video stereo input] 2 x RCA [Component stereo input] 1 x jack 3.5 mm [PC stereo input] Power stereo output, speakers [clinch] 1 x Dsub-9 female [Input] 1 x Dsub-15 HD [Analog RGB, output] 1 x DVI-D [Digital RGB, output] 1 x Dsub-9 female [output]	1 x RCA [CVBS1, input only] 1 x RCA [CVBS2, input only] 1 x mini DIN 4 pin [Y/C, input only] 3 x RCA [YPbPr, input only] 1 x Dsub-15 HD [Analog RGB, input] 1 x DVI-D [Digital RGB, input] 1 X HDMI (with HDCP, input only] 2 x RCA [CVBS1 stereo input] 2 x RCA [CVBS2 / S.Video stereo input] 2 x RCA [Component stereo input] 1 x jack 3.5 mm [PC stereo input] Power stereo output, speakers [clinch] 1 x Dsub-9 female [Input] 1 x Dsub-15 HD [Analog RGB, output] 1 x DVI-D [Digital RGB, output] 1 x Dsub-9 female [output]
PAL (BGH/D/I, M, N, 60), NTSC (M, 4.43), SECAM HDMI [supporting CEA-861B specs. HDCP 1.1] 480i/p,576i/p,720p, 1080i / 50-60 Hz, 1080p / 60 Hz CVBS: 1 Vpp / 75 Ohm - nominal (with AGC) Y/C: 1 Vpp / 75 Ohm - nominal (with AGC) Y,Pb,Pr, 1Vpp / 75 ohm nominal VGA ~ WUXGA (1920x1080), NATIVE (1920 x 1080) Automatic frequency detection RGB: 0.7 Vpp / 75 Ohm (RGB), TTL (HV) 1 x DVI-D [Digital RGB, input only] Horizontal: 20 KHz - 82 KHz Vertical: 55 Hz - 90 Hz Audio Input: 0.15 to 1 V Audio Output: 2 x 7W (10% THD) Embedded splitter up to 5x5 with bezel compensation Infrared Remote Control RS-232 Serial Port Commands and controls are available from any of user's interfaces Remote Control are OSD assisted RS-232 pass-through VGA pass-through All inputs converted to DVI and retransmitted (up to 25 hops)	PAL (BGH/D/I, M, N, 60), NTSC (M, 4.43), SECAM HDMI [supporting CEA-861B specs. HDCP 1.1] 480i/p,576i/p,720p, 1080i / 50-60 Hz, 1080p / 60 Hz CVBS: 1 Vpp / 75 Ohm - nominal (with AGC) Y/C: 1 Vpp / 75 Ohm - nominal (with AGC) Y,Pb,Pr, 1Vpp / 75 ohm nominal VGA ~ WUXGA (1920x1080), NATIVE (1920 x 1080) Automatic frequency detection RGB: 0.7 Vpp / 75 Ohm (RGB), TTL (HV) 1 x DVI-D [Digital RGB, input only] Horizontal: 20 KHz - 82 KHz Vertical: 55 Hz - 90 Hz Audio Input: 0.15 to 1 V Audio Output: 2 x 7W (10% THD) Embedded splitter up to 5x5 with bezel compensation Infrared Remote Control RS-232 Serial Port Commands and controls are available from any of user's interfaces Remote Control are OSD assisted RS-232 pass-through VGA pass-through All inputs converted to DVI and retransmitted (up to 25 hops)	PAL (BGH/D/I, M, N, 60), NTSC (M, 4.43), SECAM HDMI [supporting CEA-861B specs. HDCP 1.1] 480i/p,576i/p,720p, 1080i / 50-60 Hz, 1080p / 60 Hz CVBS: 1 Vpp / 75 Ohm - nominal (with AGC) Y/C: 1 Vpp / 75 Ohm - nominal (with AGC) Y,Pb,Pr, 1Vpp / 75 ohm nominal VGA ~ WUXGA (1920x1080), NATIVE (1920 x 1080) Automatic frequency detection RGB: 0.7 Vpp / 75 Ohm (RGB), TTL (HV) 1 x DVI-D [Digital RGB, input only] Horizontal: 20 KHz - 82 KHz Vertical: 55 Hz - 90 Hz Audio Input: 0.15 to 1 V Audio Output: 2 x 7W (10% THD) Embedded splitter up to 5x5 with bezel compensation Infrared Remote Control RS-232 Serial Port Commands and controls are available from any of user's interfaces Remote Control are OSD assisted RS-232 pass-through VGA pass-through All inputs converted to DVI and retransmitted (up to 25 hops)
Preset (4 selections + user) Brightness, Contrast, Color, Sharpness Colour temperature (5 selections + user) Still frame Source selection Self adjustment of picture dimension Free adjustment of picture position Selection of format presets (for compatibility with 4:3 and 16:9 pictures) Uncompressed Mode (PC input, with selection of the dislayed area) Presets (4 selections + user) Volume, Balance Equalizer (5 bands) MTS AVC Size max up to 5 x 5 Bezel compensation Stand-by mode Status Indication Programmable OSD aspect Screensaver (blue screen, pixel shiftl , wiper, gray background) Automatic temperature control with threshold setting Timer (time, wake-up, sleep) Display address selection DPMS Auto Input Search DE, ES, FR, EN, IT, PT	Preset (4 selections + user) Brightness, Contrast, Color, Sharpness Colour temperature (5 selections + user) Still frame Source selection Self adjustment of picture dimension Free adjustment of picture position Selection of format presets (for compatibility with 4:3 and 16:9 pictures) Uncompressed Mode (PC input, with selection of the dislayed area) Presets (4 selections + user) Volume, Balance Equalizer (5 bands) MTS AVC Size max up to 5 x 5 Bezel compensation Stand-by mode Status Indication Programmable OSD aspect Screensaver (blue screen, pixel shiftl , wiper, gray background) Automatic temperature control with threshold setting Timer (time, wake-up, sleep) Display address selection DPMS Auto Input Search DE, ES, FR, EN, IT, PT	Preset (4 selections + user) Brightness, Contrast, Color, Sharpness Colour temperature (5 selections + user) Still frame Source selection Self adjustment of picture dimension Free adjustment of picture position Selection of format presets (for compatibility with 4:3 and 16:9 pictures) Uncompressed Mode (PC input, with selection of the dislayed area) Presets (4 selections + user) Volume, Balance Equalizer (5 bands) MTS AVC Size max up to 5 x 5 Bezel compensation Stand-by mode Status Indication Programmable OSD aspect Screensaver (blue screen, pixel shiftl , wiper, gray background) Automatic temperature control with threshold setting Timer (time, wake-up, sleep) Display address selection DPMS Auto Input Search DE, ES, FR, EN, IT, PT
Key board control (On/Off) IR Control (On/Off) Input Signal presence check Fans status check Internal temperature check Ambient light control Presence control (Optional) Shoch sensor (Optional)	Key board control (On/Off) IR Control (On/Off) Input Signal presence check Fans status check Internal temperature check Ambient light control Presence control (Optional) Shoch sensor (Optional)	Key board control (On/Off) IR Control (On/Off) Input Signal presence check Fans status check Internal temperature check Ambient light control Presence control (Optional) Shoch sensor (Optional)
1375 (W) x 828 (H) x 132 (D) (approx)	1678 (W) x 1000 (H) x 140 (D)	1927 (W) x 1137 (H) x 131 (D) (approx)
115/230 VAC ± 15%, 50/60 Hz 430 W Storage: -20°C to 65°C (max 85% RH not condensing) Working: 0°C to 50°C (max 85% RH not condensing) IP30	115/230 VAC ± 15%, 50/60 Hz 750 W Storage: -20°C to 65°C (max 85% RH not condensing) Working: 0°C to 50°C (max 85% RH not condensing) IP30	115/230 VAC ± 15%, 50/60 Hz 1100 W Storage: -20°C to 65°C (max 85% RH not condensing) Working: 0°C to 50°C (max 85% RH not condensing) IP30
Power cable Remote control with batteries User manual	Power cable Remote control with batteries User manual	Power cable Remote control with batteries User manual

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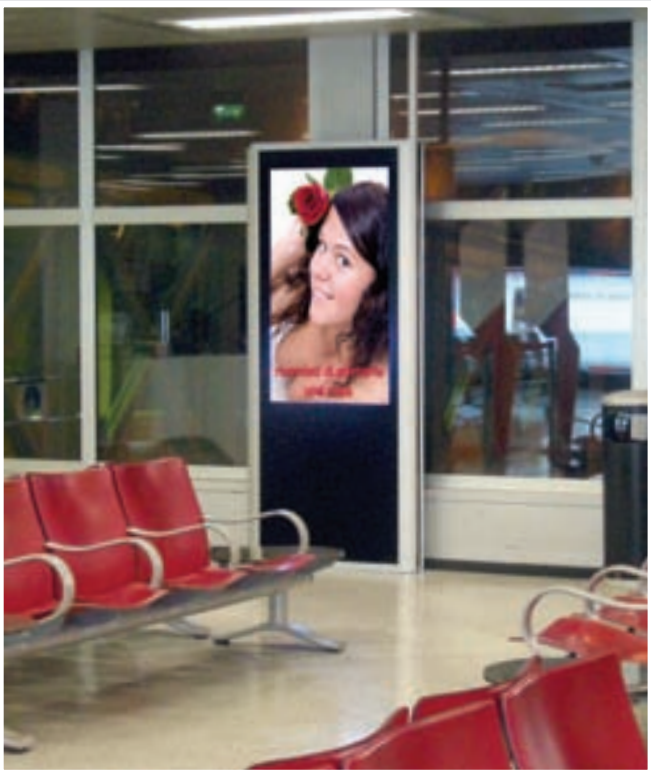

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